

ABSTRACT

A process for inscription of a sheet-like adhesive system of a polymer, preferably on the adhesive-free side thereof, with information is characterized in that the inscription is carried out with the aid of a movably guided laser beam in such a manner that a detrimental influence on the ingredients contained in the system, in particular by heat generated by the laser beam or by detrimental perforation of a backing layer impermeable to ingredients or water vapour, is avoided, and that to this end the intensity and penetration depth of the laser beam is adjusted according to the material properties of the system in such a way that the laser beam does not penetrate far enough to reach an ingredient-containing layer of the system.